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# NOTICE OF ALLOWANCE AND FEE(S) DUE

32074

DEPT. 18G

BLDG. 321-482

2070 ROUTE 52

7590

HOPEWELL JUNCTION, NY 12533

01/14/2010

INTERNATIONAL BUSINESS MACHINES CORPORATION

**EXAMINER** CHANG, RICK KILTAE ART UNIT PAPER NUMBER

3726

DATE MAILED: 01/14/2010

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/709.752	05/26/2004	Kohichi Ohsumi	JP920030018US1	3751

TITLE OF INVENTION: MANUFACTURING METHOD OF PRINTED CIRCUIT BOARD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	04/14/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current **SMALL ENTITY status:** 

A. If the status is the same, pay the TOTAL FEE(S) DUE shown

B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

### Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where ar in m

appropriate. All further correspondence including the Patent, advance orders and notification indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new maintenance fee notifications.  CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)  32074 7590 01/14/2010  INTERNATIONAL BUSINESS MACHINES CORPORATION DEPT. 18G BLDG. 321-482				ion of maintenance fees will be mailed to the current correspondence address as correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, mus				
				have	ers. Each additiona e its own certificate	of mai	, such as an assignmen ling or transmission.	t or formal drawing, must
				Certificate of Mailing or Transmission  I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.				
2070 ROUTE 52 HOPEWELL II	2 JNCTION, NY 1253	33						(Depositor's name)
TOTE WELL TO	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							(Signature)
								(Date)
APPLICATION NO.	FILING DATE	FILING DATE		NTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/709,752	05/26/2004	-	Kohichi Ohsum	ni		JF	920030018US1	3751
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CHANG, RI	CK KILTAE	3726	029-847000		_			
"Fee Address" ind PTO/SB/47; Rev 03-(Number is required.  3. ASSIGNEE NAME A PLEASE NOTE: Un	ND RESIDENCE DATA less an assignee is ident th in 37 CFR 3.11. Comp	" Indication form aed. Use of a Customer A TO BE PRINTED ON	or agents OR, alto (2) the name of a registered attorne 2 registered pater listed, no name w THE PATENT (print data will appear on	ernative single y or a attorior attorior type or type the pane	e firm (having as a gent) and the nammers or agents. If printed.  be) atent. If an assigneassignment.	memb es of uj no nam	er a 2 p to le is 3	cument has been filed for
4a. The following fee(s)  Issue Fee  Publication Fee (N		permitted)	b. Payment of Fee(s):  A check is enclo Payment by creo	(Plea	d. Form PTO-2038	is atta	iously paid issue fee s ched.	iciency, or credit any
5. Change in Entity Sta			overpayment, to	Depó	sit Account Numbe	er	(enclose an	extra copy of this form).
_ 。 .	s SMALL ENTITY state	· · · · · · · · · · · · · · · · · · ·	☐ b. Applicant is n	io long	ger claiming SMAI	LL EN	ΓΙΤΥ status. See 37 CF	R 1.27(g)(2).
NOTE: The Issue Fee an interest as shown by the	nd Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other c Office.	than tl	he applicant; a regi	stered a	attorney or agent; or the	assignee or other party in
Authorized Signature					Date			
Typed or printed name					-			
This collection of inform an application. Confiden submitting the complete this form and/or suggest Box 1450, Alexandria, V Alexandria, Virginia 223	itiality is governed by 35 d application form to the ions for reducing this bu. Virginia 22313-1450. DC	FR 1.311. The informati U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to the ONOT SEND FEES OR	on is required to obta 1.14. This collection depending upon the e Chief Information COMPLETED FORM	in or r is est indiv Office MS TO	etain a benefit by the imated to take 12 reidual case. Any coer, U.S. Patent and DTHIS ADDRESS	he publ minutes mment Traden S. SENI	ic which is to file (and to complete, including s on the amount of tim nark Office, U.S. Depa O TO: Commissioner fo	by the USPTO to process) gathering, preparing, and the you require to complete the threat of Commerce, P.O. or Patents, P.O. Box 1450,

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10/709,752	05/26/2004	Kohichi Ohsumi	JP920030018US1	3751	
32074 75	590 01/14/2010	EXAMINER			
INTERNATION	AL BUSINESS MAG	CHANG, RICK KILTAE			
DEPT. 18G		ART UNIT PAPER NUME			
BLDG. 321-482 2070 ROUTE 52	CENTON NV 10500		3726 DATE MAILED: 01/14/201	0	

### Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 519 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 519 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)	
	10/709,752	OHSUMI ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Rick K. Chang	3726	
The MAILING DATE of this communication ap All claims being allowable, PROSECUTION ON THE MERITS I herewith (or previously mailed), a Notice of Allowance (PTOL-8 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT of the Office or upon petition by the applicant. See 37 CFR 1.3	S (OR REMAINS) CLOSED 5) or other appropriate comm RIGHTS. This application is	in this application. If not included nunication will be mailed in due cours	se. <b>THIS</b>
1. $\boxtimes$ This communication is responsive to <u>the interview summ</u>	ary filed 10/13/09.		
2. ☑ The allowed claim(s) is/are <u>1-13 and 15-20</u> .			
3.  Acknowledgment is made of a claim for foreign priority  a)  All b)  Some* c)  None of the:  1.  Certified copies of the priority documents ha  2.  Certified copies of the priority documents ha  3.  Copies of the certified copies of the priority of International Bureau (PCT Rule 17.2(a)).  * Certified copies not received:  Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  4.  A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which gives the including changes required by the Notice of Draftspering including changes required by the Notice of Draftspering including changes required by the attached Examine Paper No./Mail Date  Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	ve been received. ve been received in Applicate documents have been received in Applicated documents have been received. E" of this communication to find the submitted attached Exives reason(s) why the oathoust be submitted. Erson's Patent Drawing Reviews at 1.84(c)) should be written on	ion No  ed in this national stage application for the a reply complying with the required the control of the drawings in the front (not the back application of the drawings in the front (not the back application is deficient.	ments CE OF
DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMEN  Attachment(s)			the
Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. Notice of	nformal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948		Summary (PTO-413), ./Mail Date .	
3. Information Disclosure Statements (PTO/SB/08),		s Amendment/Comment	
Paper No./Mail Date <u>5/19/09,3/10/08,11/4/04</u> 4. ☐ Examiner's Comment Regarding Requirement for Deposit	t 8. ☐ Examiner	s Statement of Reasons for Allowan	ce
of Biological Material	9.	<u></u> .	